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PTC/S8/80 (12-03)
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POWER OF	ATTORNEY TO PROSECUT	E APPLICATIONS I	BEFORE THE USPTO		
I hereby appoint:					
X Practitioners as	sociated with the Customer Number:	45979			
OR					
Practitioner(s) na	med below (If more than ten patent practiti	oners are to be named, then a	customer number must be used):		
	Name Registration Number				
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	6 .				
	s) to represent the undersigned before the Uni	ted States Patent and Trademar	k Office (USPTO) in connection with the		
patents and patent appli Under 37 CFR 3:73(b) a	CEROUS SERIGINAL DISTA TO THE ALMOSTER BINGS SECOND	ording to the USPTO assignment	records as shown on the Statements		
Assignee Name an					
Microsoft Corp					
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	m, together with a statement unde	27 CER 2 73/h) (Form P	TO/SB/96 or equivalent) is		
	annlication in which this	I TARTO ER 1860. I DEL SIZUE	Minit dial of a conda		
	i by one of the practitioners appol on behalf of the assignee, and mu	ntan in mis min in it uis a	pposited blackadure		
Attorney is to be	Nied.				
Th.	SIGNATURE of c individual whose signature and title is supp	f Assignee of Record lied below is authorized to act or	t behalf of the assignee		
Name	D. Bartley Eppenauer				
Signature	VIIII	0ate - 27-04			
Titie	Assistant Combrate Secretary	Telephone	425-703-0645		

To That

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PTO/SB/96 (08-03)

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Applica	nt/Patent Owner:	Cadiz et al.					
Applicat	tion No./Patent No.:	09/681,836	SFil	ed/Issue Date:	June 8, 2001		
Entitled	COMMUNICAT				FIDING DYNAMIC S IN AN INTERACTIVE		
(Name	Microsoft Co e of Assignee)	poration	, a (Type of As	signee, e.g., corporation	Corporation n, partnership, university, government agency, etc.)		
states ti	nat it is:						
1.	the assignee of t	he entire right, title,	and interest; o	r			
2.	an assignee of le	ss than the entire ri	ght, title and ir	iterest.			
_	The extent (by po	ercentage) of its own	nership interes	t is	%		
in the pa	atent application/pat	ent identified above	by virtue of ei	ther:			
A. [x]	was recorded in th	m the inventor(s) of e United States Pate 6 , or for whice	ent and Trade	mark Office at Re	lentified above. The assignment eel011661,		
OR							
B. []	A chain of title from assignee as shown		the patent app	lication/patent id	entified above, to the current		
	1. From:			To:			
		nt was recorded in th					
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	[] Additional docu	ments in the chain	of title are liste	ed on a suppleme	ental sheet.		
[]	[NOTE: A separat document) must be	ents or other docum e copy (i.e., the orig e submitted to Assig e recorded in the rec	inal assignme nment Divisio	nt document or a	true copy of the original with 37 CFR Part 3, if the		
The und	dersigned (whose tit	e is supplied below)	is authorized	to act on behalf	of the assignee.		
	September 1,	2004		Maurice J. Pi	rio, Reg. No. 33,273		
	Date		In A	Typed c	proprinted name		
	206-359-8548			Married +-			
	Telephone Nu	mber	1 -	` S	ignature		
				Attorne	y for Assignee		
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09/681,836-Conf. #2766

June 8, 2001

First Named Inventor **FORM** Jonathan J. Cadiz Art Unit 2173 (to be used for all correspondence after initial filing) Examiner Name M. Roswell Attorney Docket Number 418268875US Total Number of Pages in This Submission ENCLOSURES (Check all that apply) After Allowance communication Drawing(s) Fee Transmittal Form to Technology Center (TC) Appeal Communication to Board of Licensing-related Papers Fee Attached Appeals and Interferences Appeal Communication to TC Amendment/Reply Petition (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney to Prosecute Status Letter Affidavits/declaration(s) Applications Before The USPTOs Other Enclosure(s) (please X Identify below): Terminal Disclaimer Extension of Time Request Statement Under 37 CFR 3.73(b) Request for Refund **Express Abandonment Request** Post Card Information Disclosure Statement CD, Number of CD(s) Certified Copy of Priority Document(s) Remarks Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT PERKINS COIE LLP Maurice J. Pirio - 33,273 Individual name Signature 10 Date September 2004

Filing Date

Best Available Copy

I hereby certify that this correspondence is to an envelope addressed to: Commissioner for	being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.
Dated: September , 2004	Signature: (Jeanne Connelly)